



# Satellitenbildauswertungen in der Zeit nach „Vaia“

Susanne Karel, Klemens Schadauer, Markus Löw & Alexandra Freudenschuß

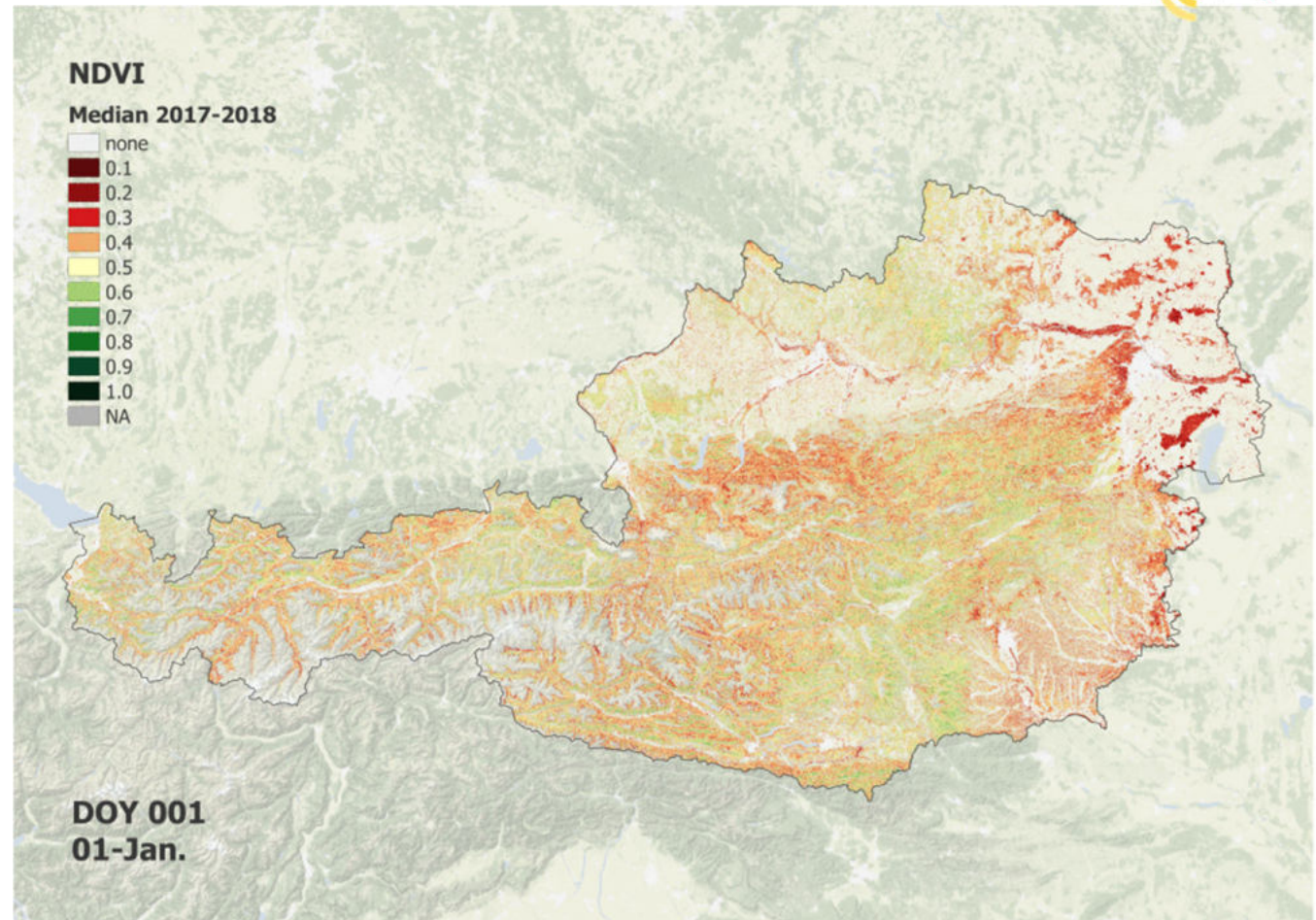
BFW – Praxistage 2023

24./26. Jänner 2023

# Fernerkundungsmodelle



Phänologie  
Model

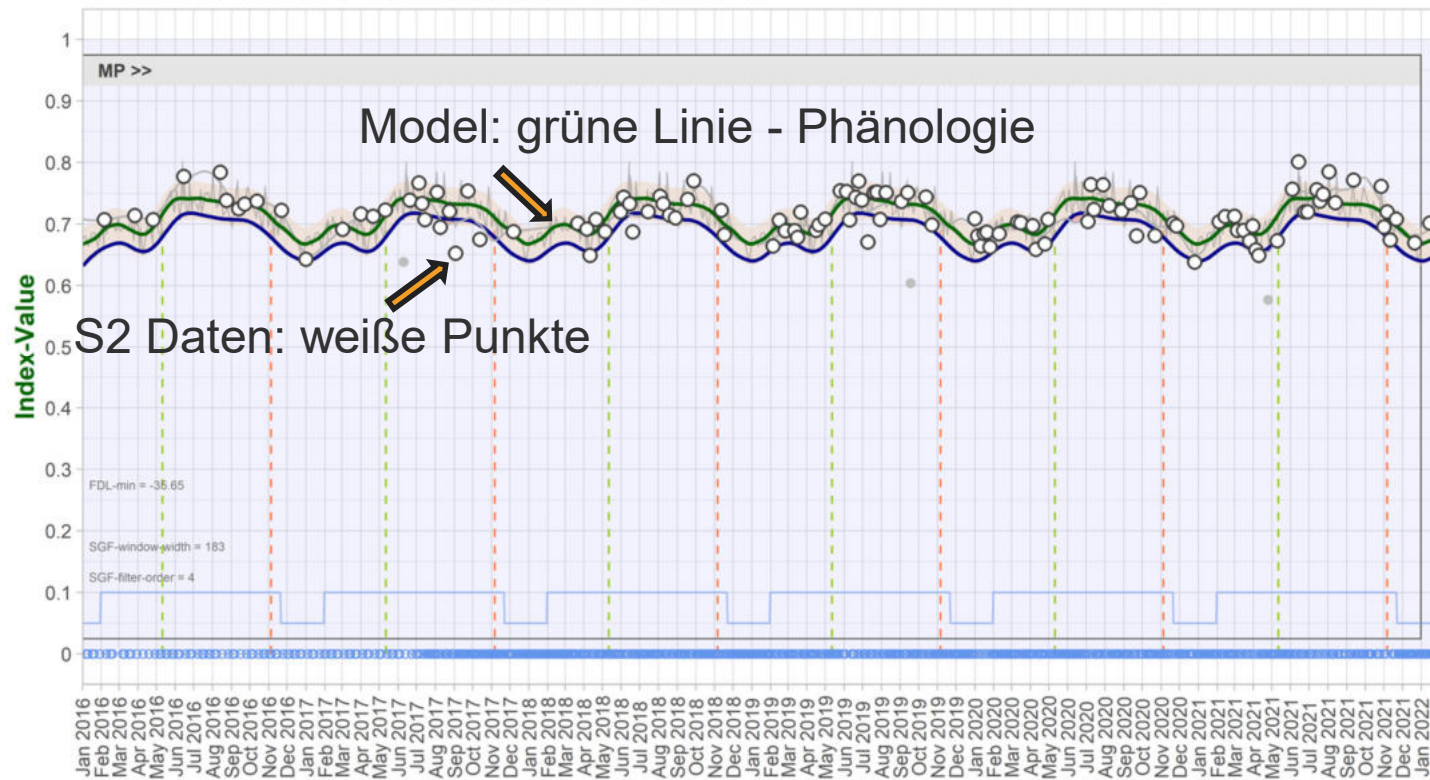


# Datengrundlagen - Modelle



**RGVI - pixel-time-series (PTS): 'Pressnitzgraben-8'**

x = 497085 y = 5242175 | L1C | 33TVN | FTC = 100 | NDSM = 17

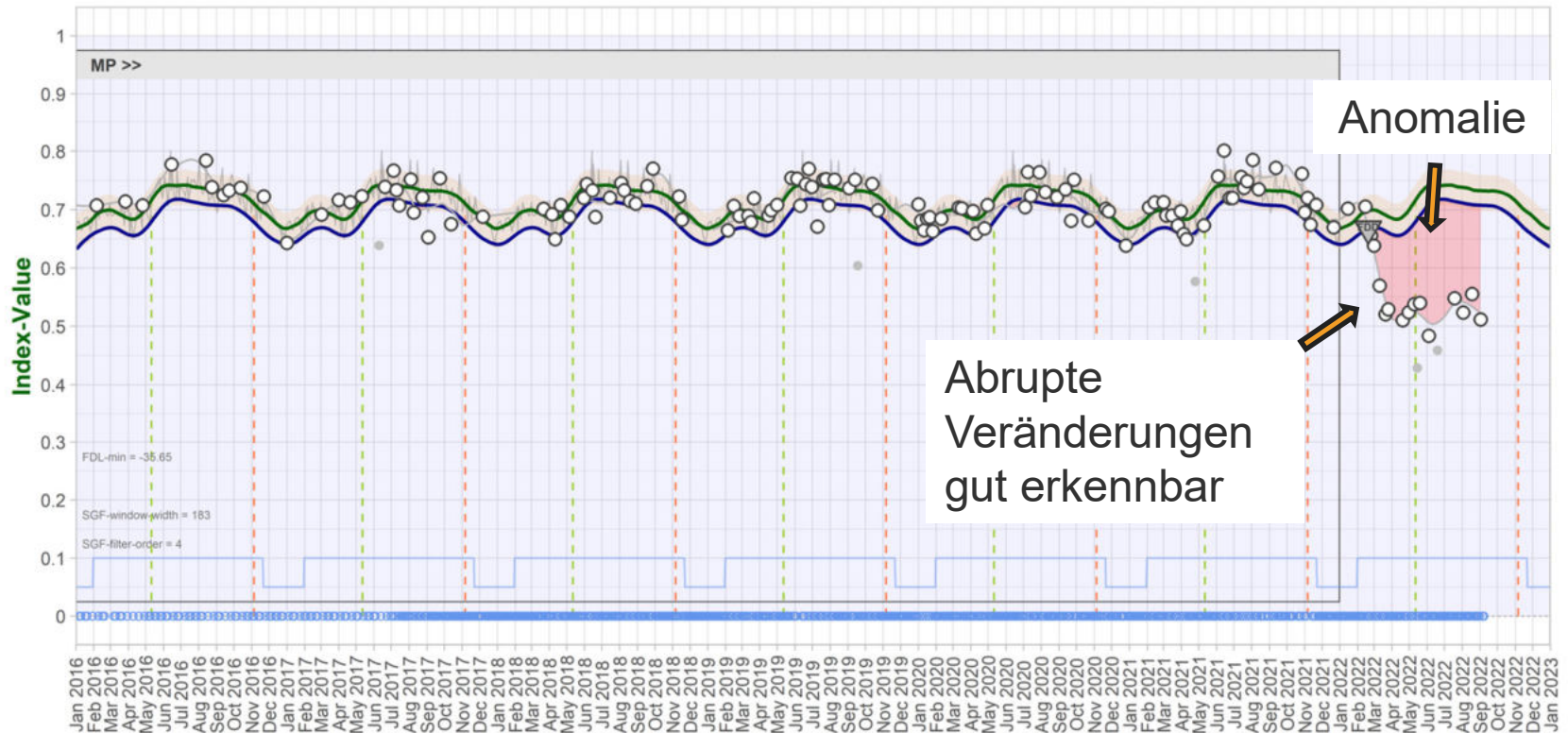


# Datengrundlagen - Modelle



## RGVI - pixel-time-series (PTS): 'Pressnitzgraben-8'

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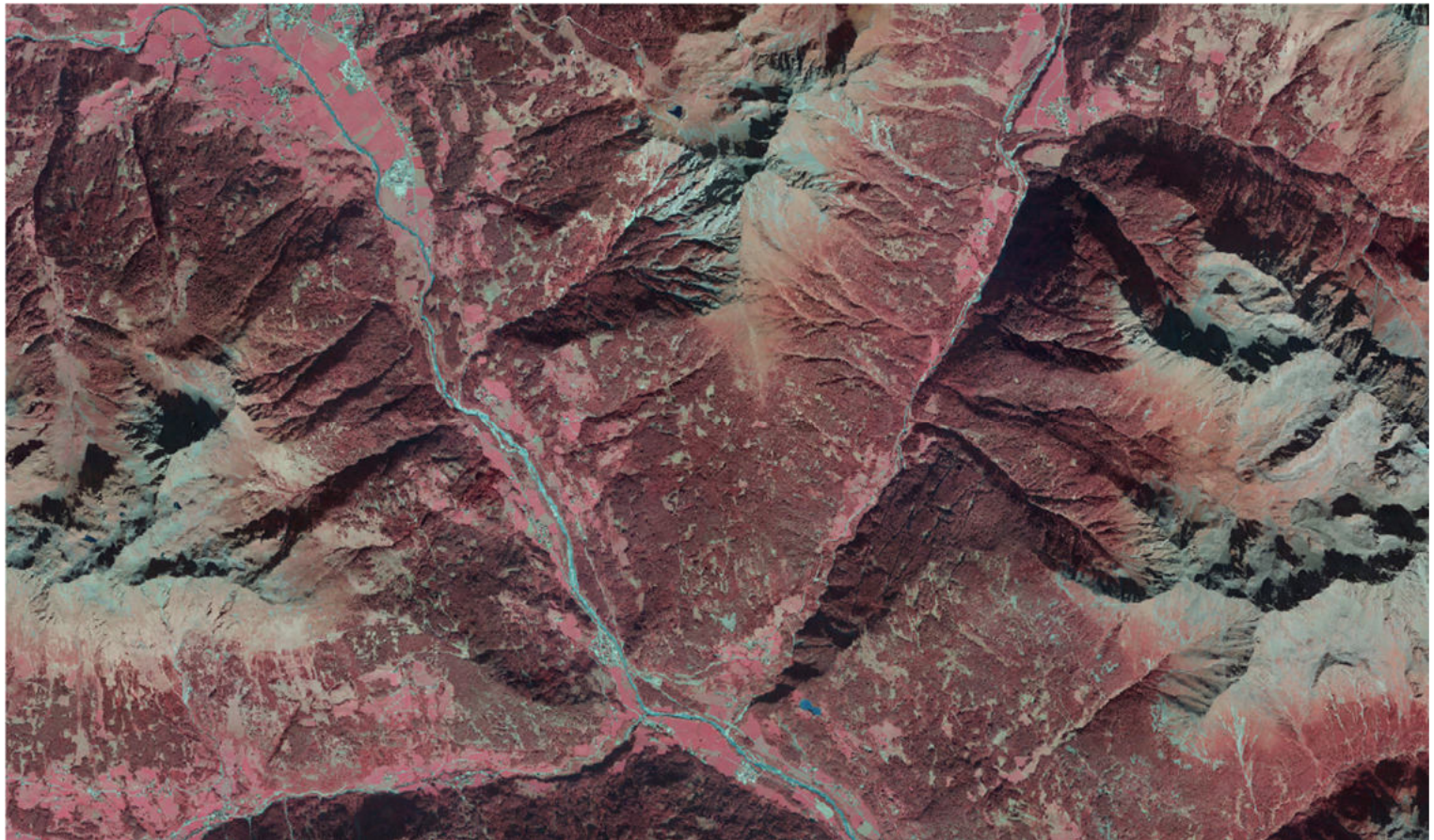


# Fernerkundungsmodelle



Osttirol

2018  
Sommer

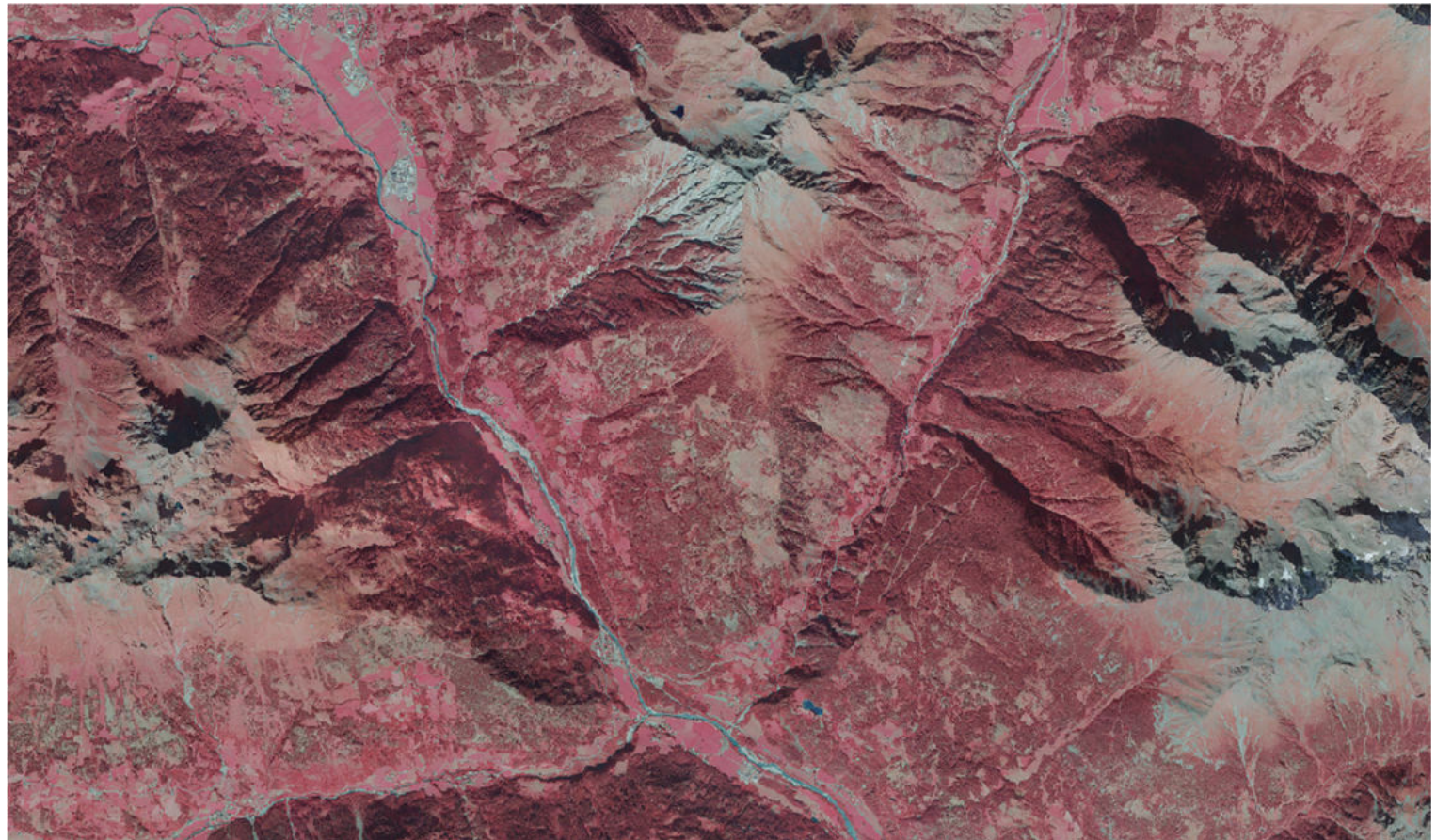


# Fernerkundungsmodelle



Osttirol

2021  
Sommer

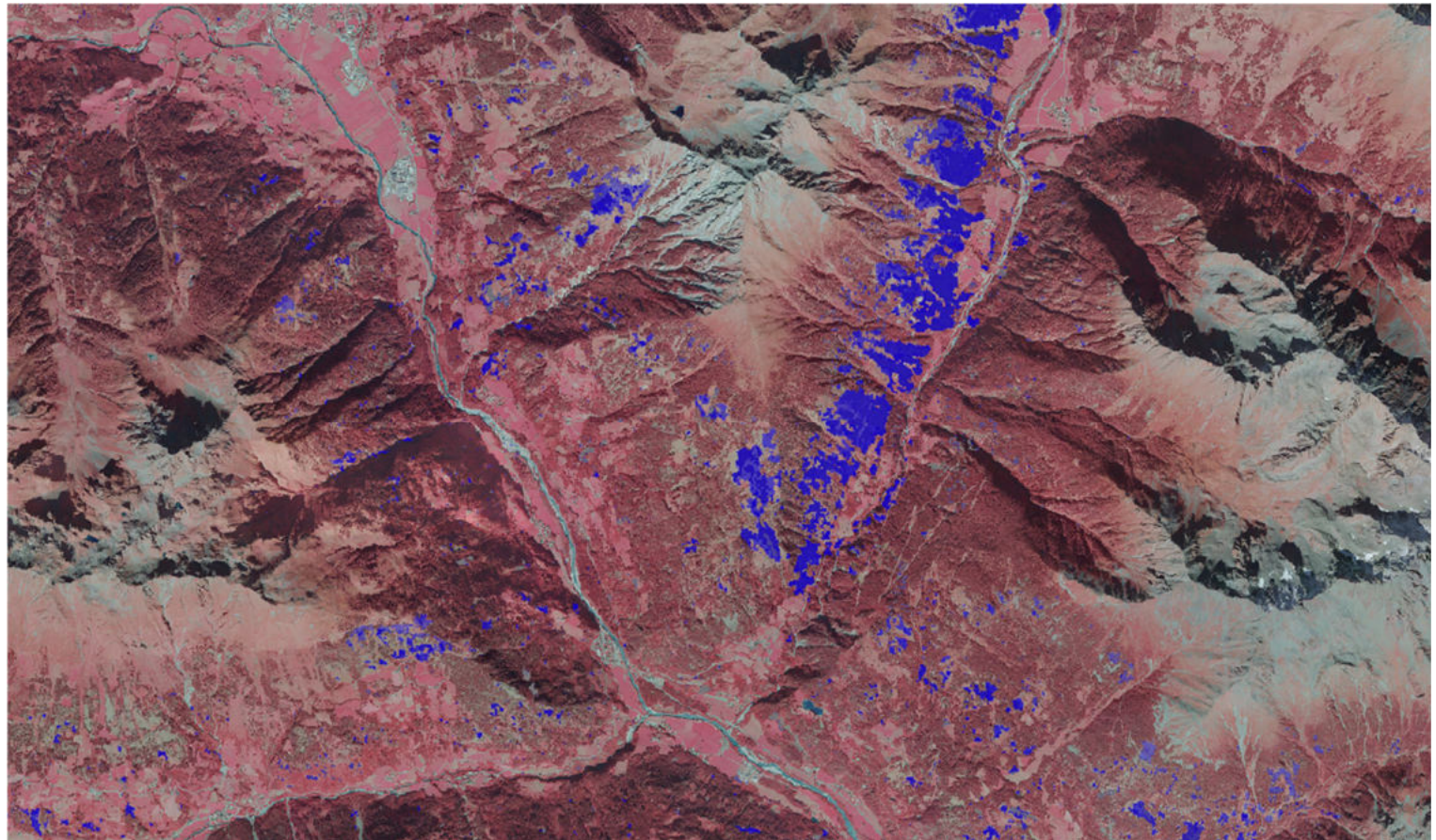


# Fernerkundungsmodelle - Schäden



Osttirol

2018

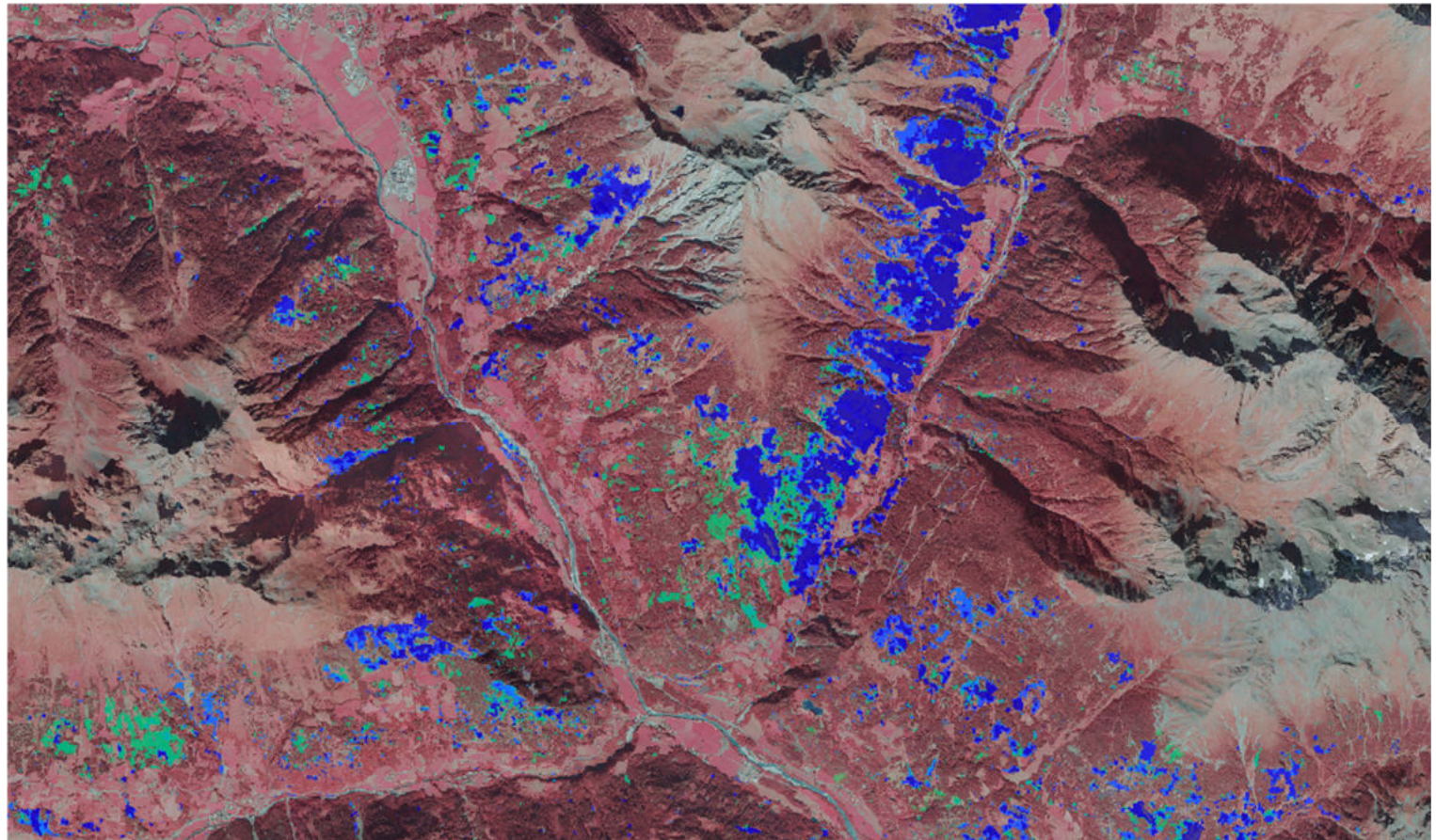


# Fernerkundungsmodelle - Schäden



Osttirol

2019



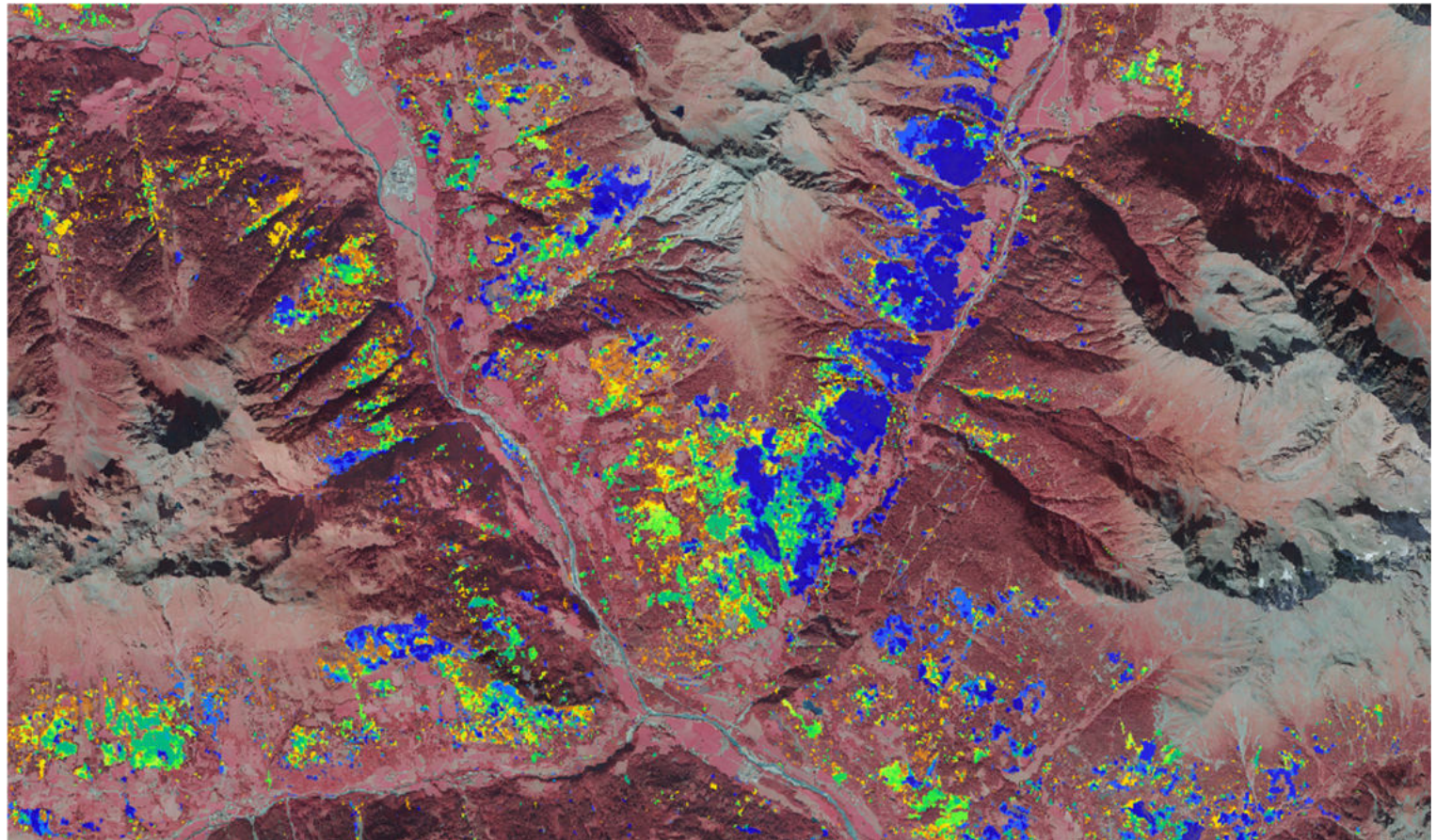


# Fernerkundungsmodelle - Schäden



Osttirol

2020

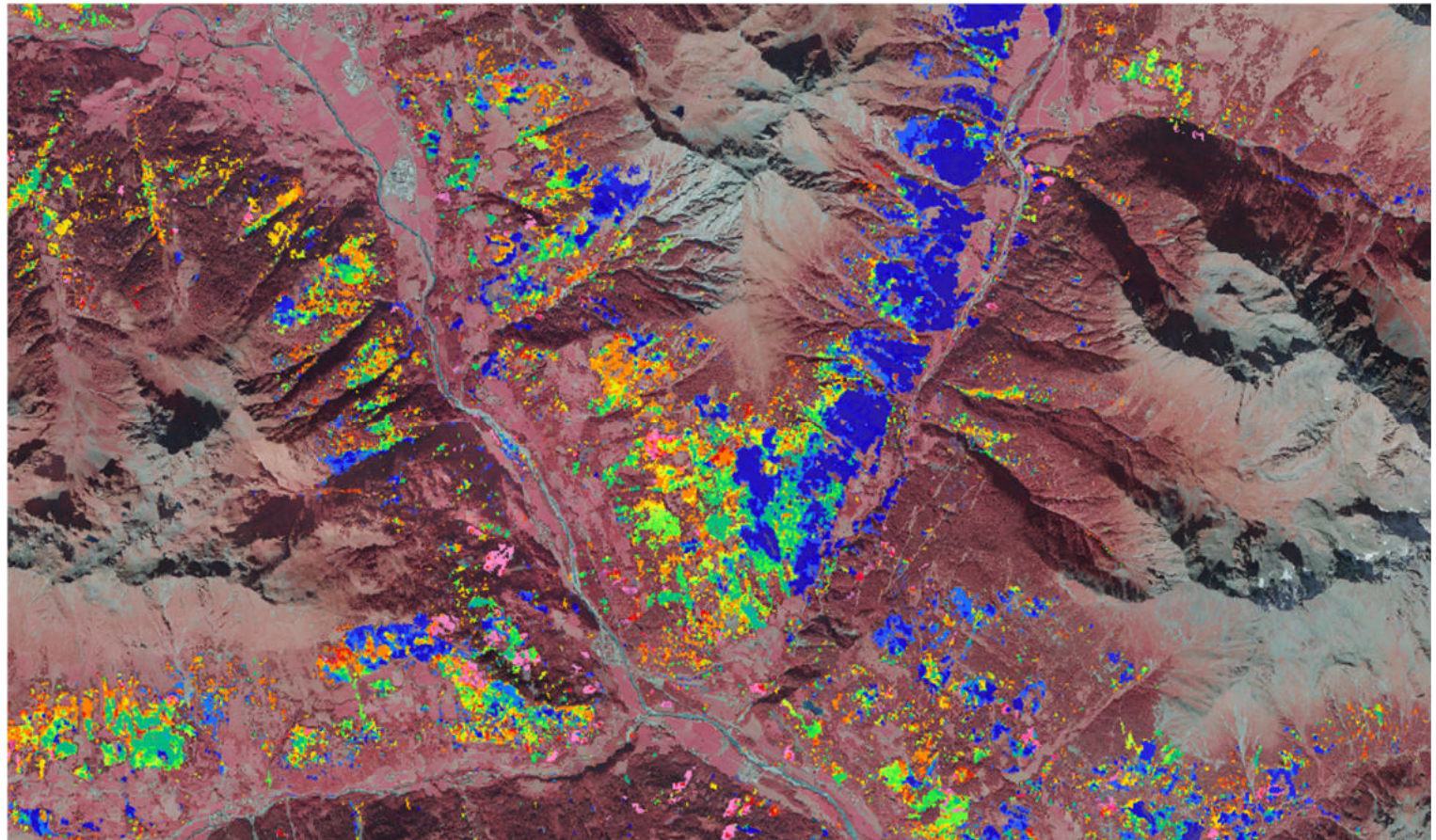


# Fernerkundungsmodelle - Schäden



Osttirol

2021

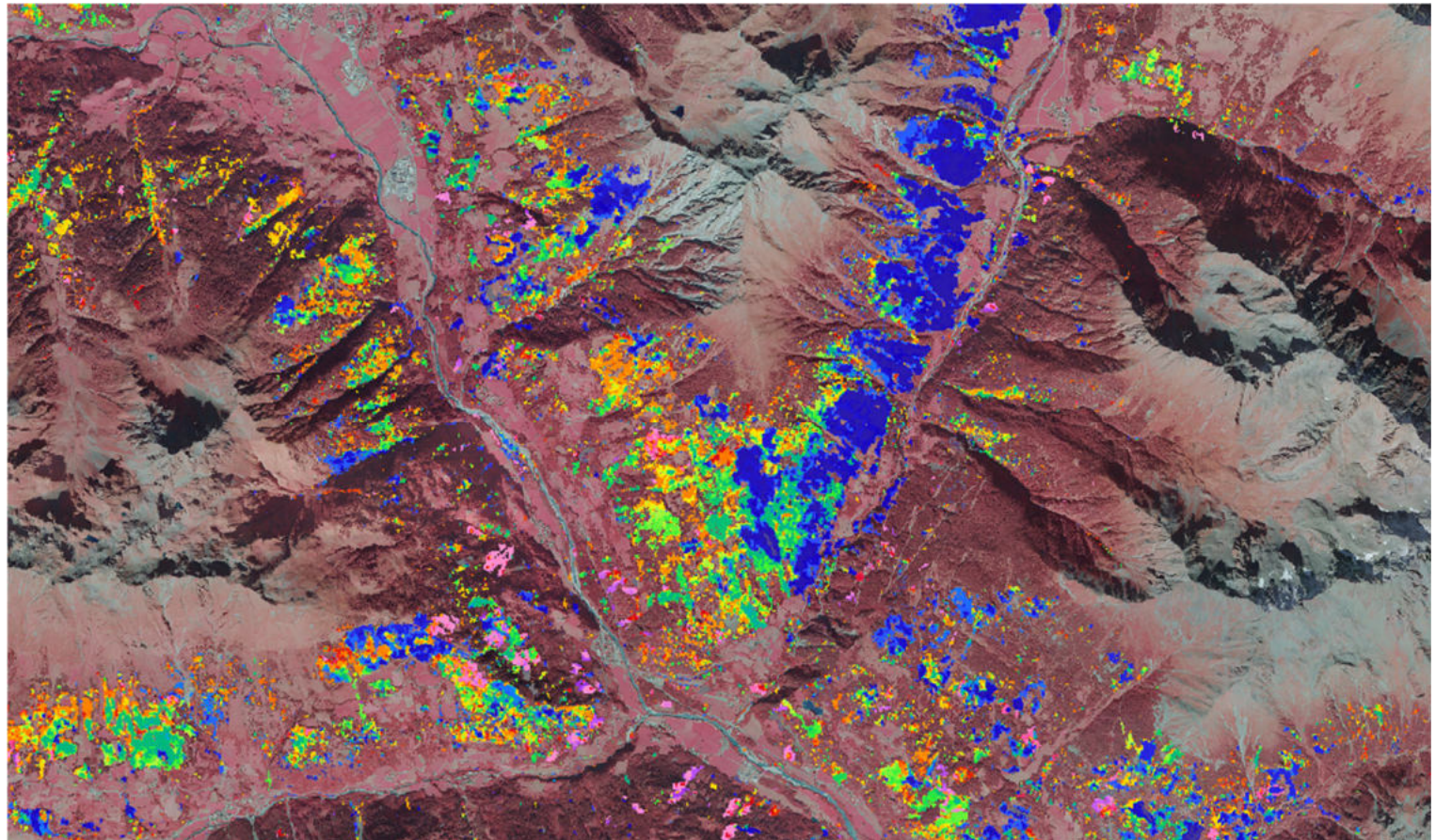


# Fernerkundungsmodelle - Schäden



Osttirol

2022

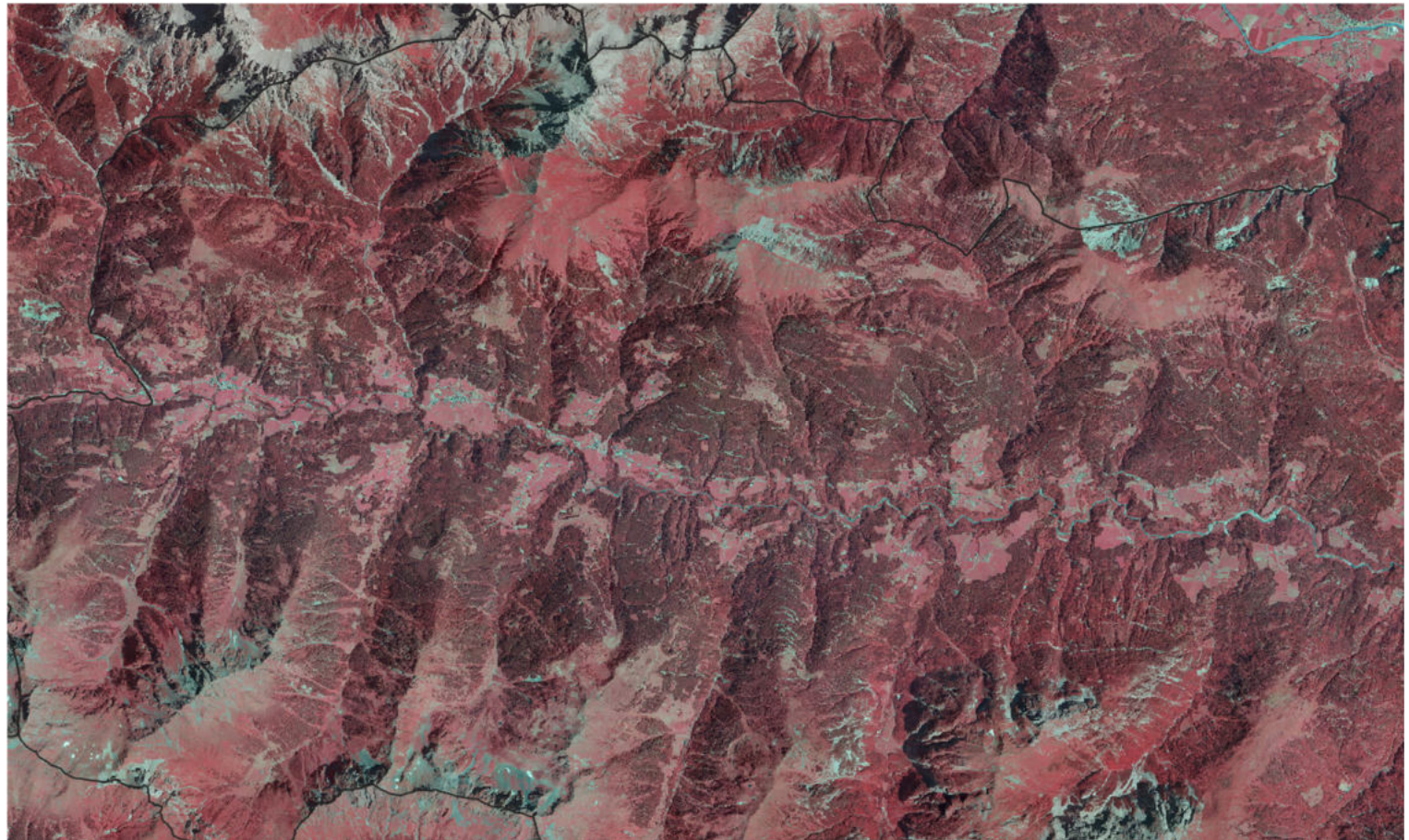


# Fernerkundungsmodelle - Schäden



Ober –  
Kärnten

2018  
Sommer

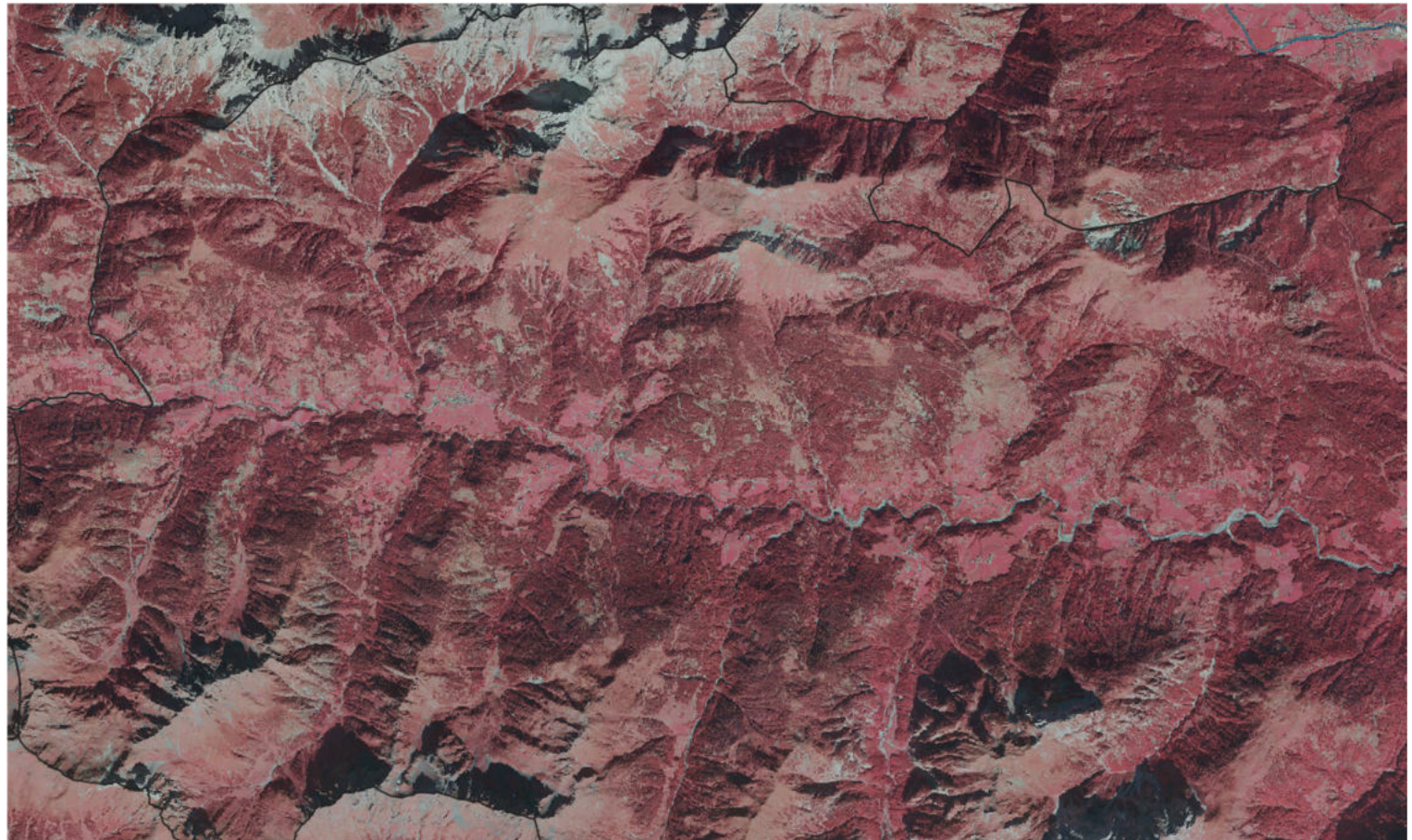


# Fernerkundungsmodelle - Schäden



Ober –  
Kärnten

2021  
Sommer

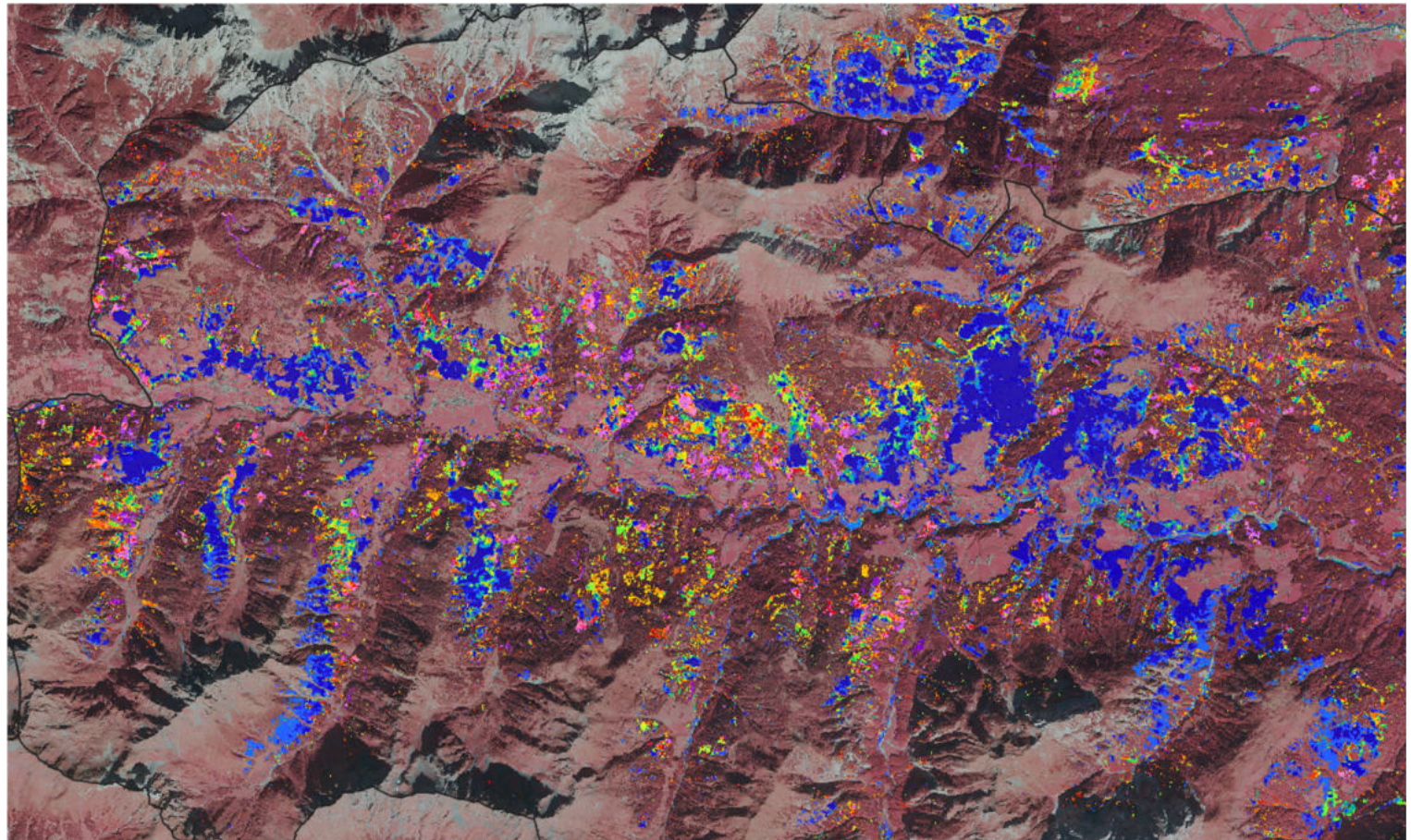


# Fernerkundungsmodelle - Schäden



Ober –  
Kärnten

Schäden  
bis 2022

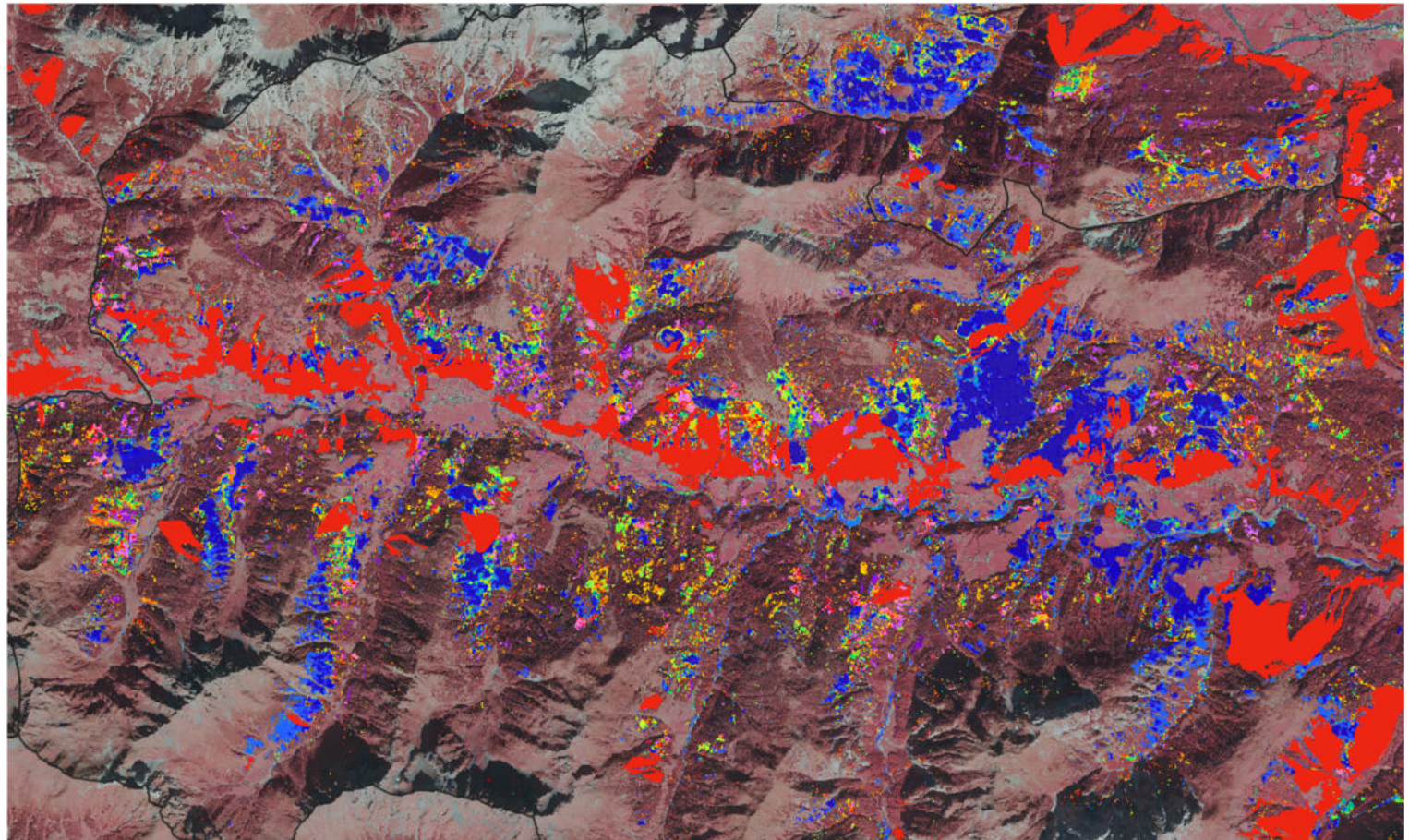


# Fernerkundungsmodelle - Schäden



Ober –  
Kärnten

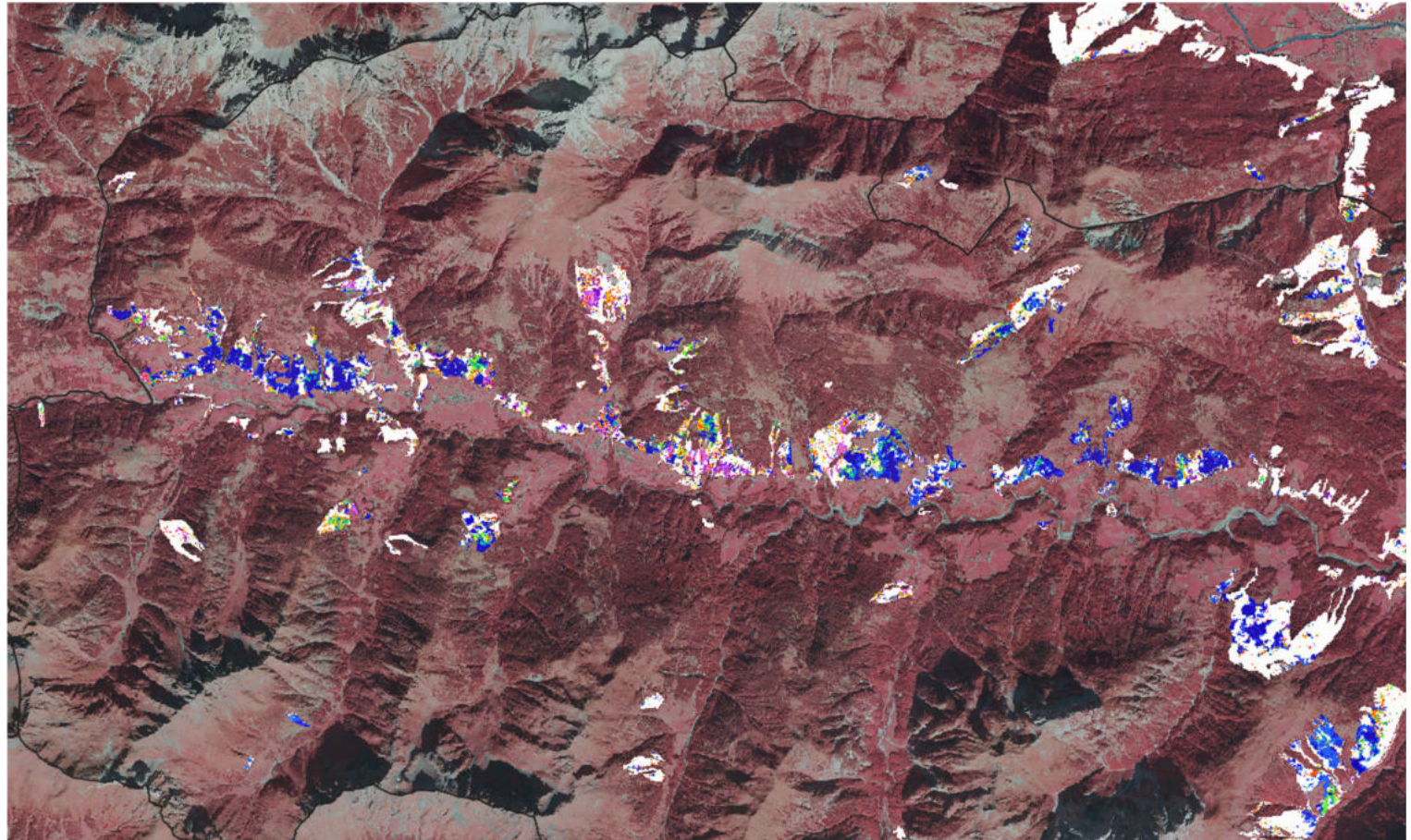
Schäden  
bis 2022  
+  
OSW



# Fernerkundungsmodelle - Schäden



Schäden  
bis 2022  
+  
OSW

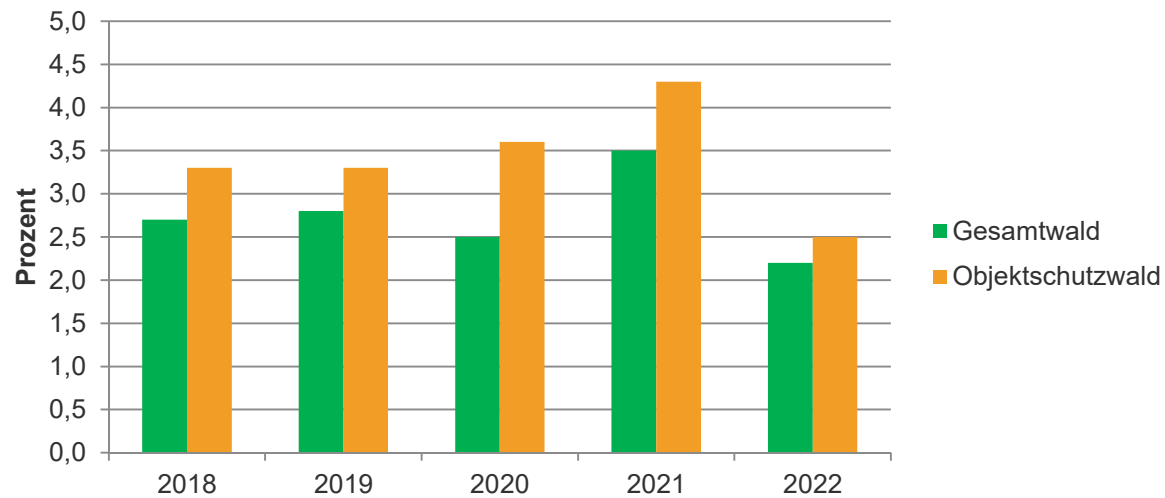




# Schadensflächen Oberkärnten



**BFIs Hermagor und Spittal/Drau**



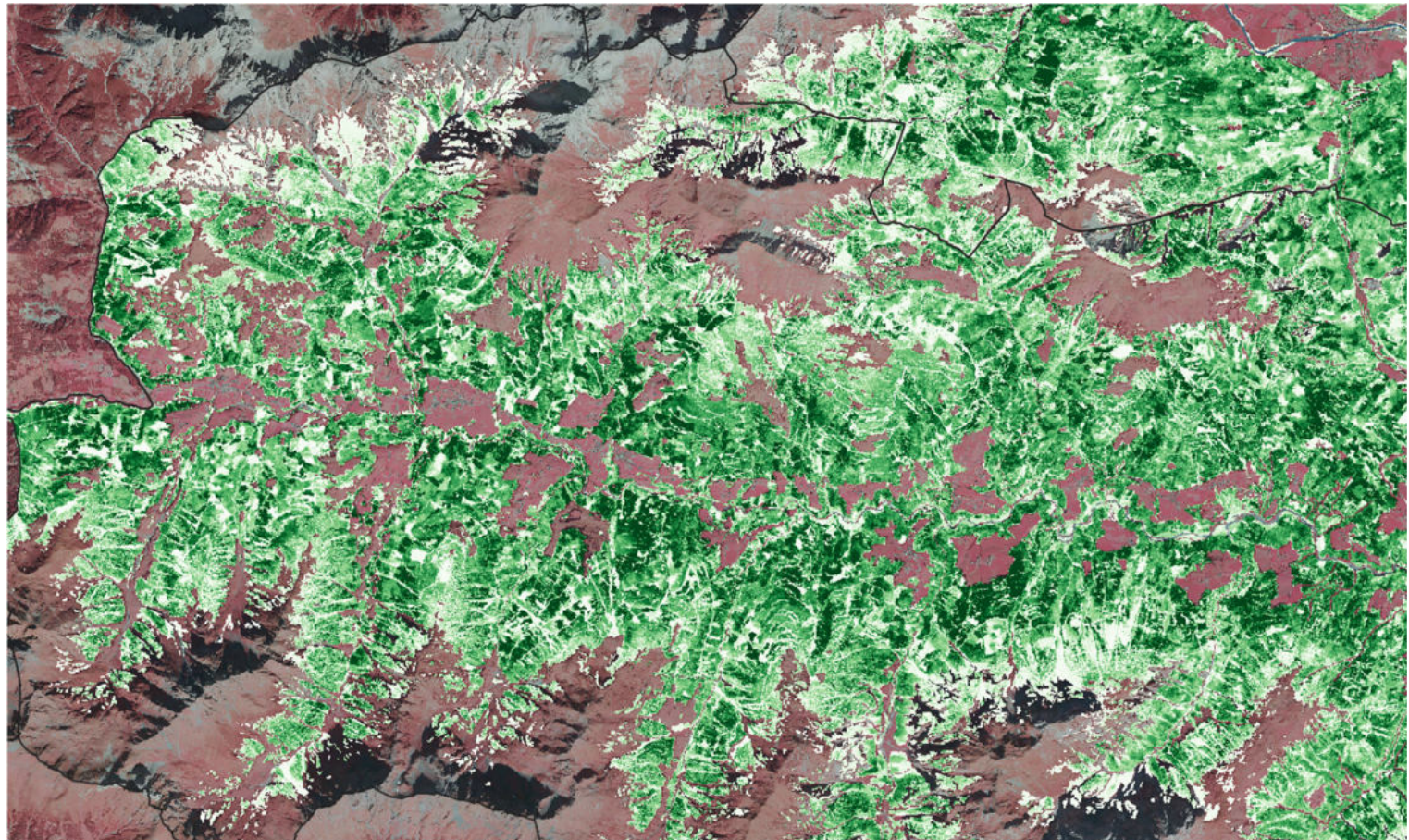
	Gesamtwald	Objektschutzwald
gesamte Waldfläche in ha	183 400	39 400
kumulierte Schadflächen in ha	24 400	6 700
kumulierte Schadflächen in %	13,8	17,0

# Fernerkundungsmodelle - Vorrat



Ober –  
Kärnten

2018

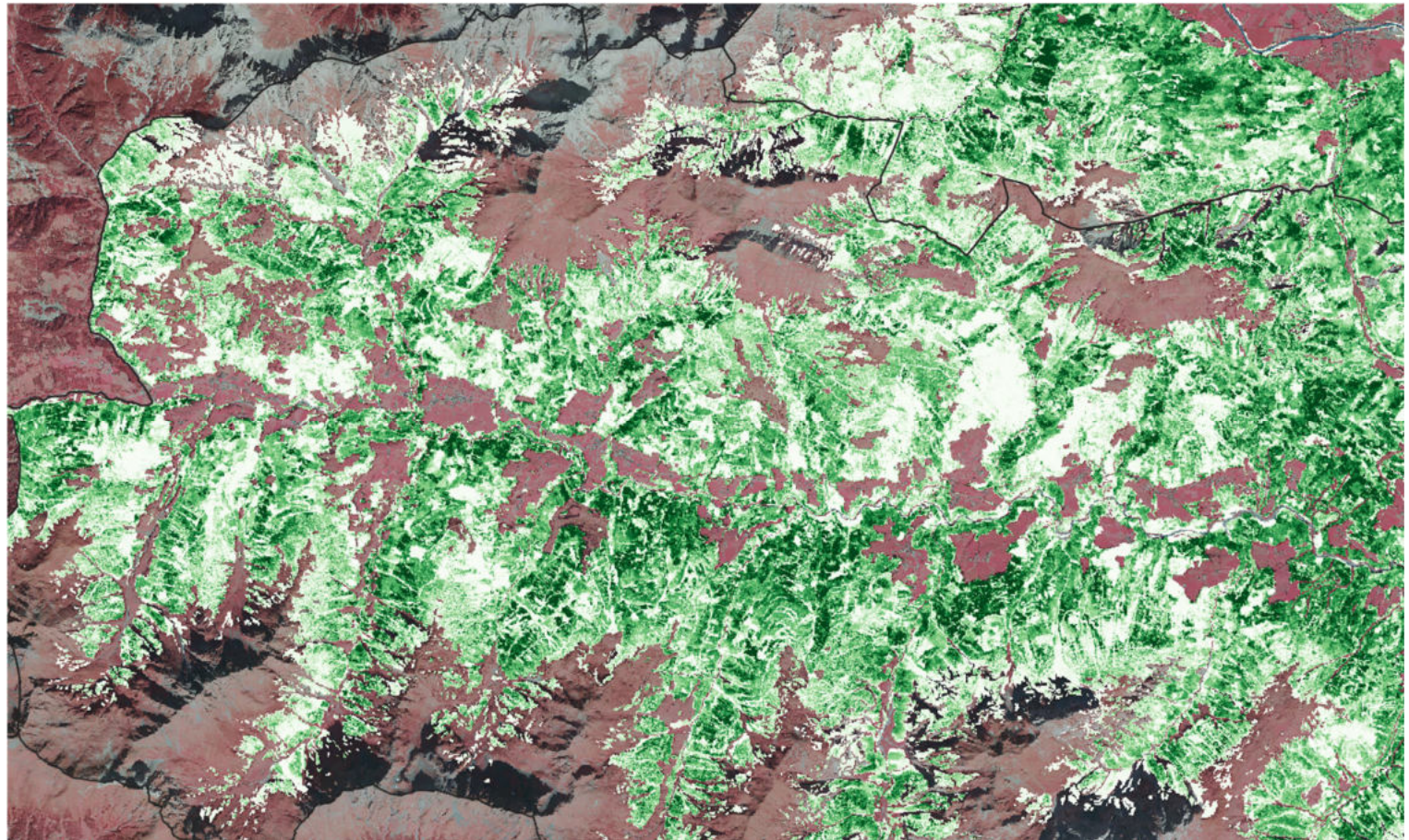


# Fernerkundungsmodelle - Vorrat



Ober –  
Kärnten

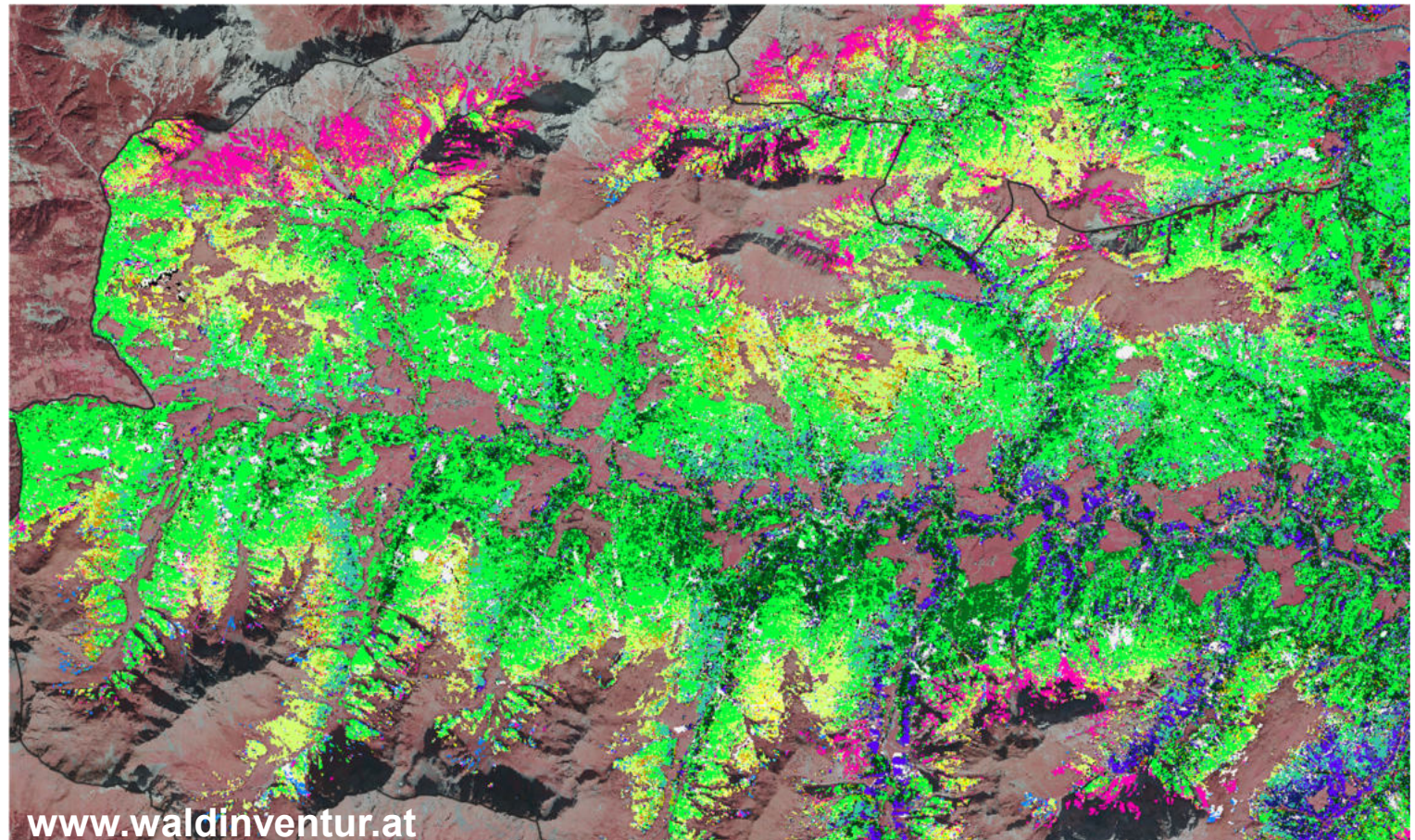
2021



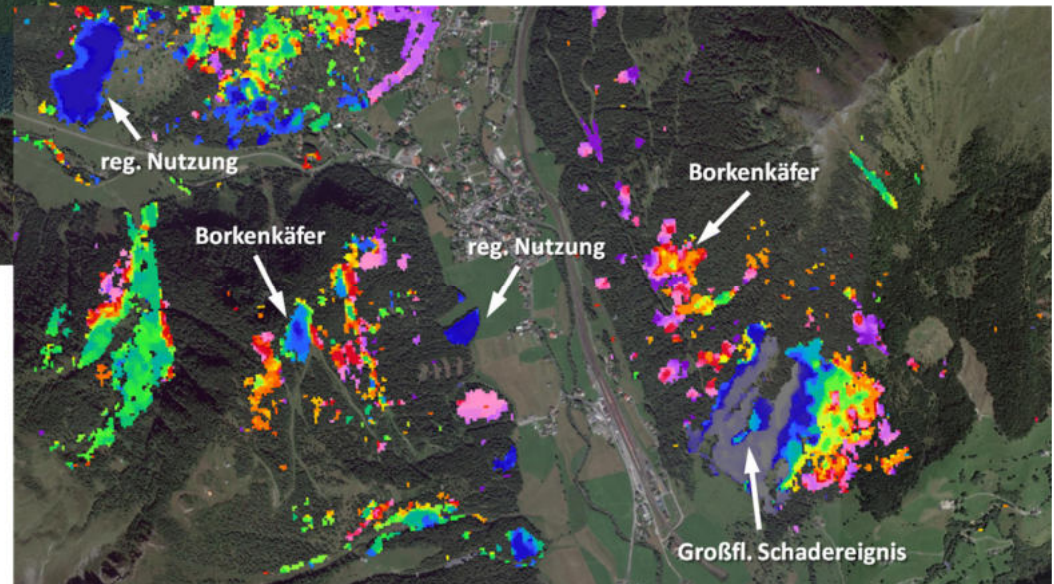
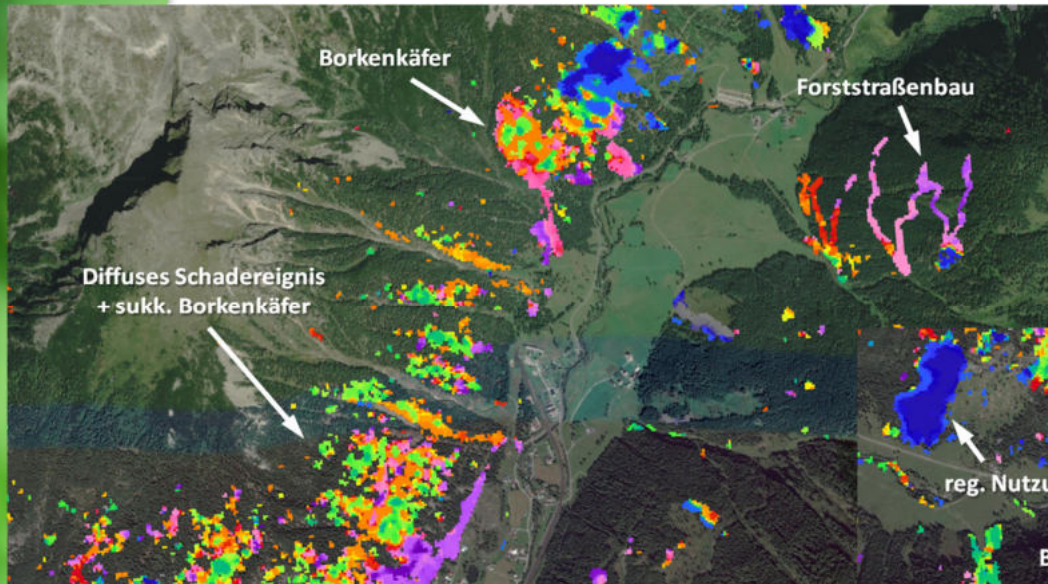
# Fernerkundungsmodelle - Baumarten



Ober –  
Kärnten



# Anomalie vs. Schaden



# Fernerkundungsmodelle - Anomalien



Steier-  
mark

2019  
Sommer



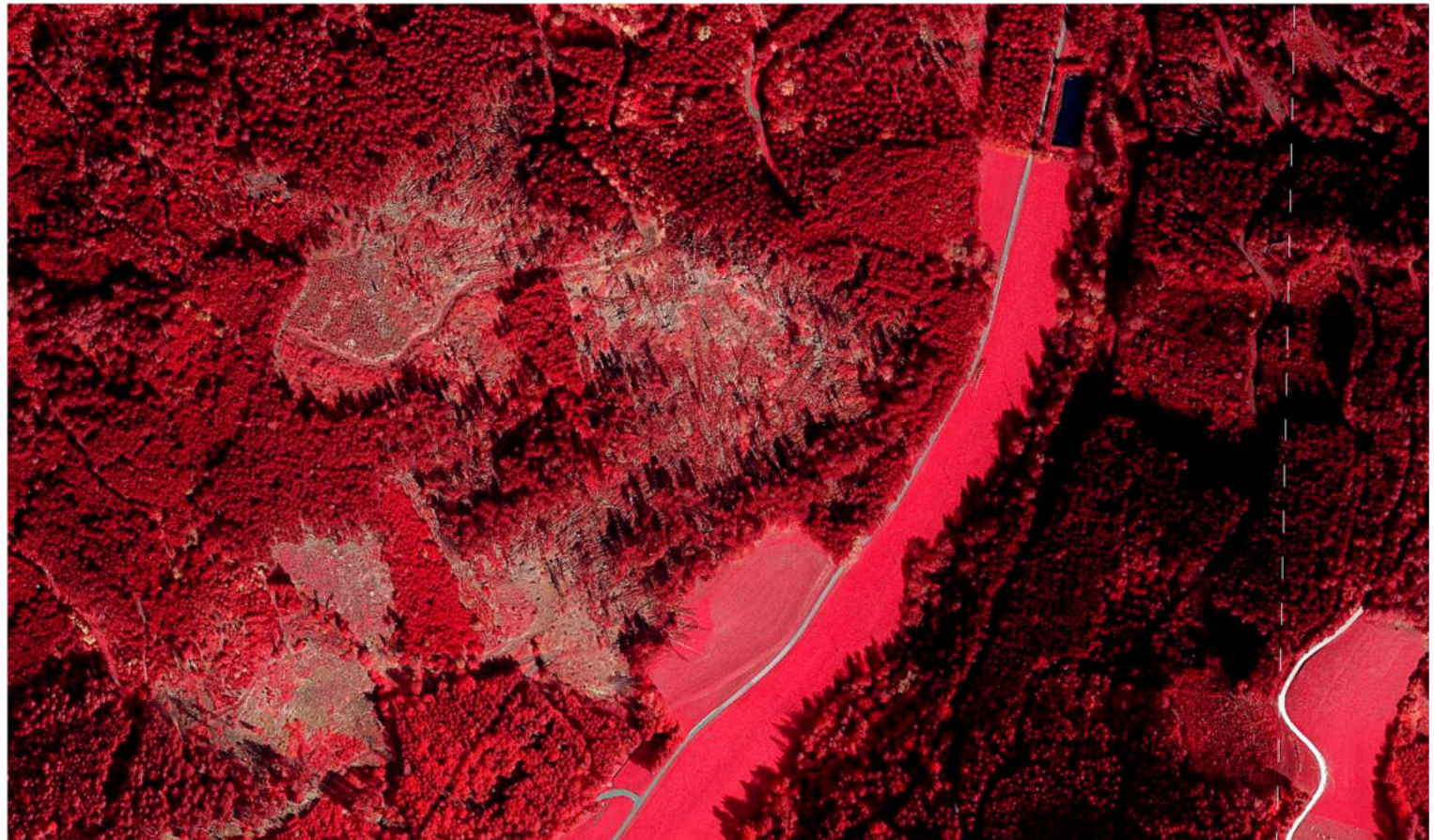
# Fernerkundungsmodelle - Anomalien



Steier-  
mark

2022  
Herbst

nach  
Sturm






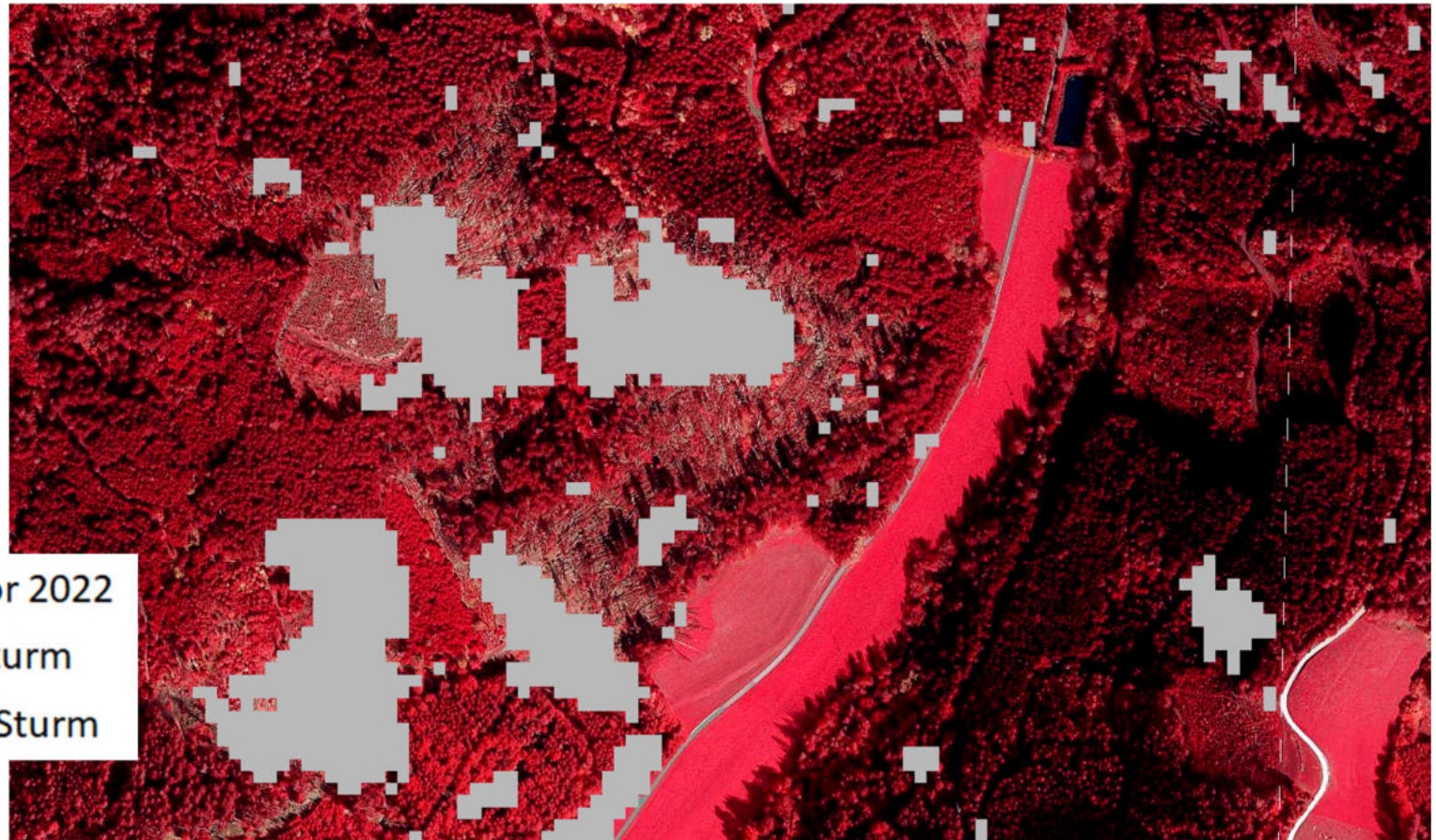
# Fernerkundungsmodelle - Anomalien



Steier-  
mark

2019  
Sommer

-  Schäden vor 2022
-  2022 vor Sturm
-  2022 nach Sturm








# Fernerkundungsmodelle - Anomalien

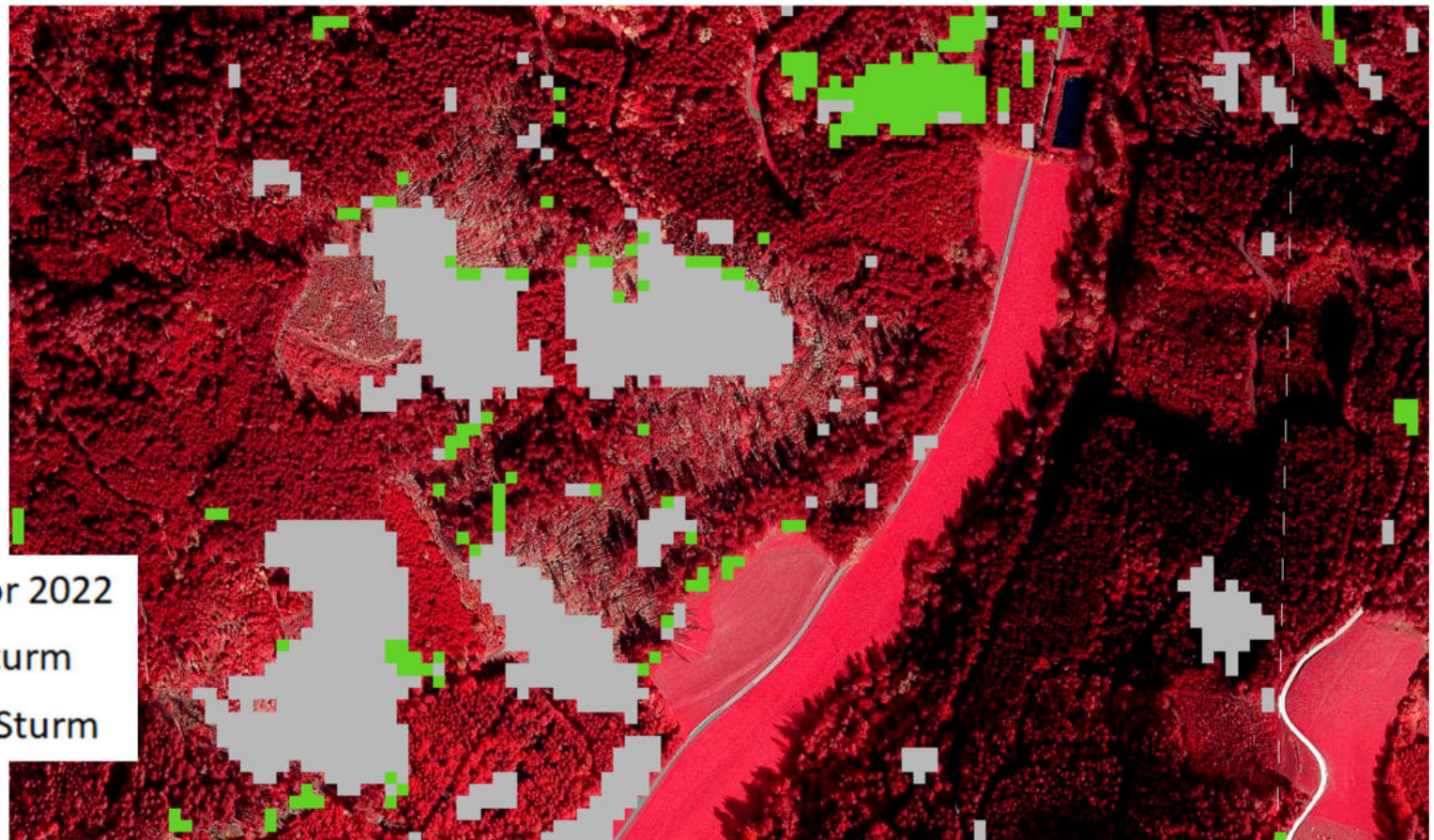


Sturm  
STMK

Sommer  
2019

CIR  
Ortho

-  Schäden vor 2022
-  2022 vor Sturm
-  2022 nach Sturm






# Fernerkundungsmodelle - Anomalien

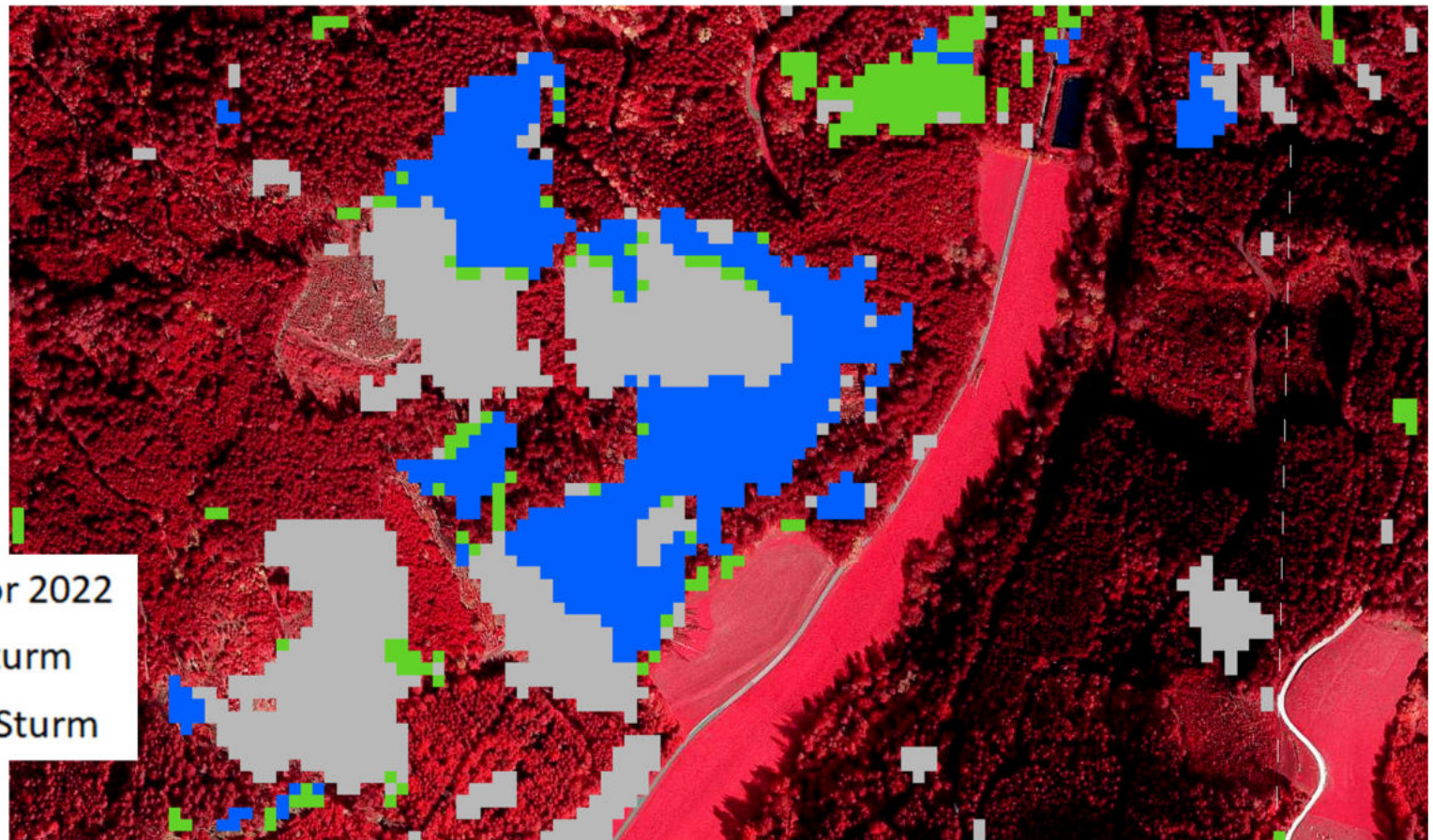


Sturm  
STMK

Sommer  
2019

CIR  
Ortho

-  Schäden vor 2022
-  2022 vor Sturm
-  2022 nach Sturm



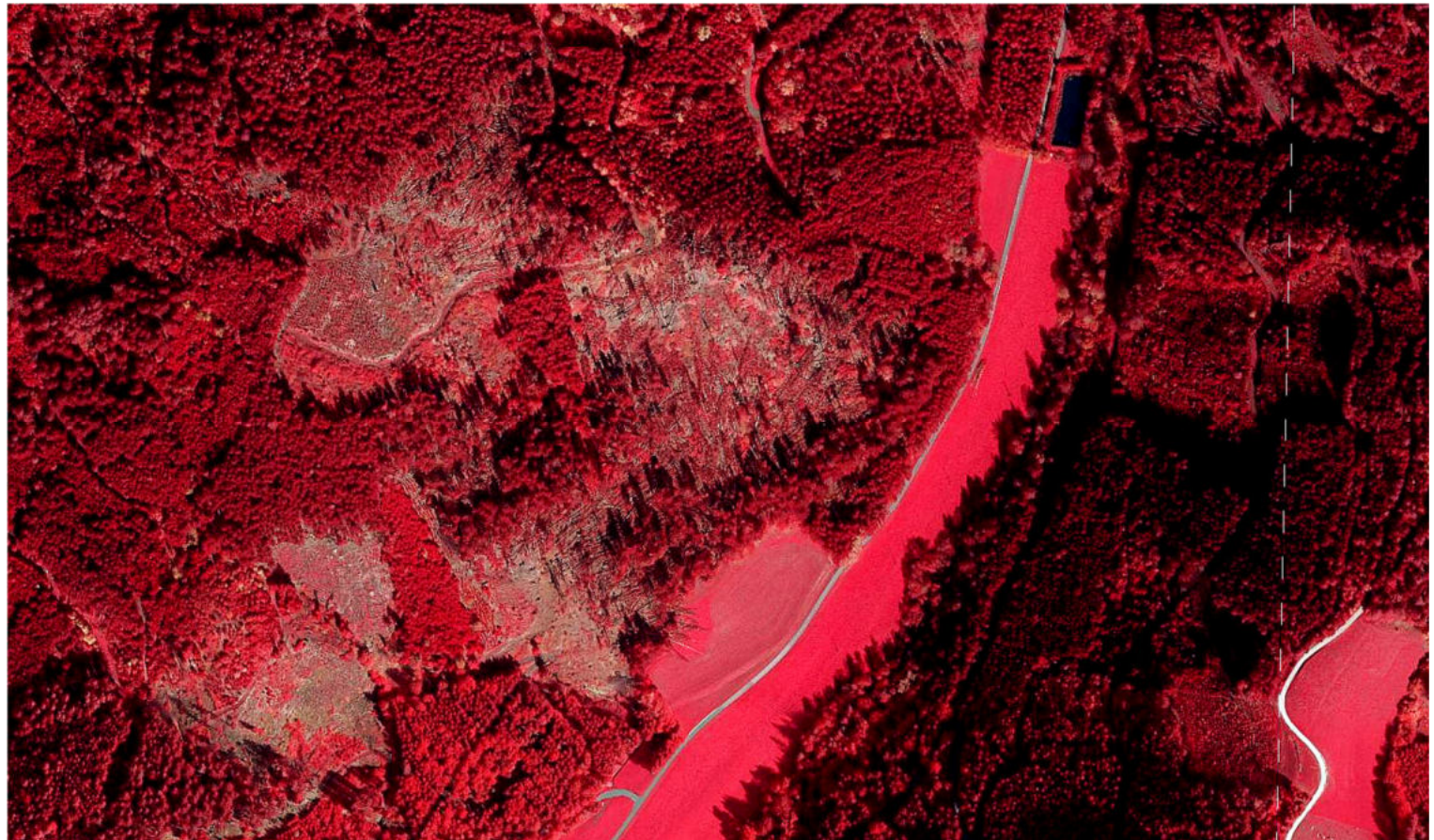
# Fernerkundungsmodelle - Anomalien



Sturm  
STMK

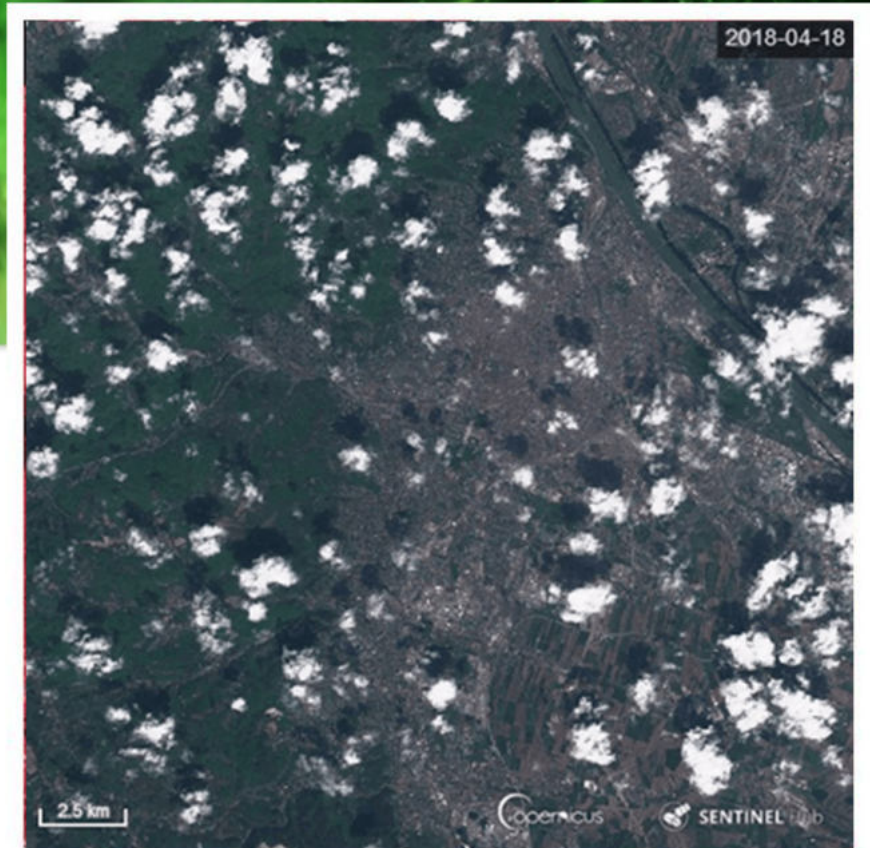
Herbst  
2022

CIR  
Ortho





**Danke!!**



True-Color Time Lapse Vienna, AUT